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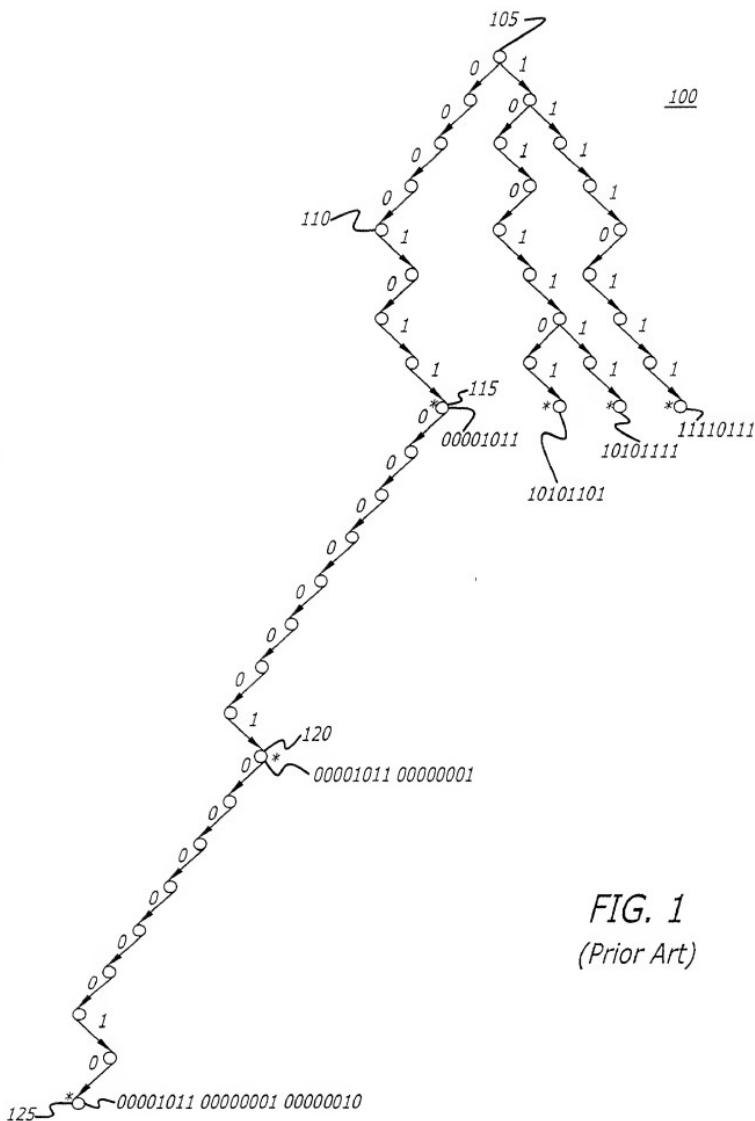


FIG. 1
(Prior Art)

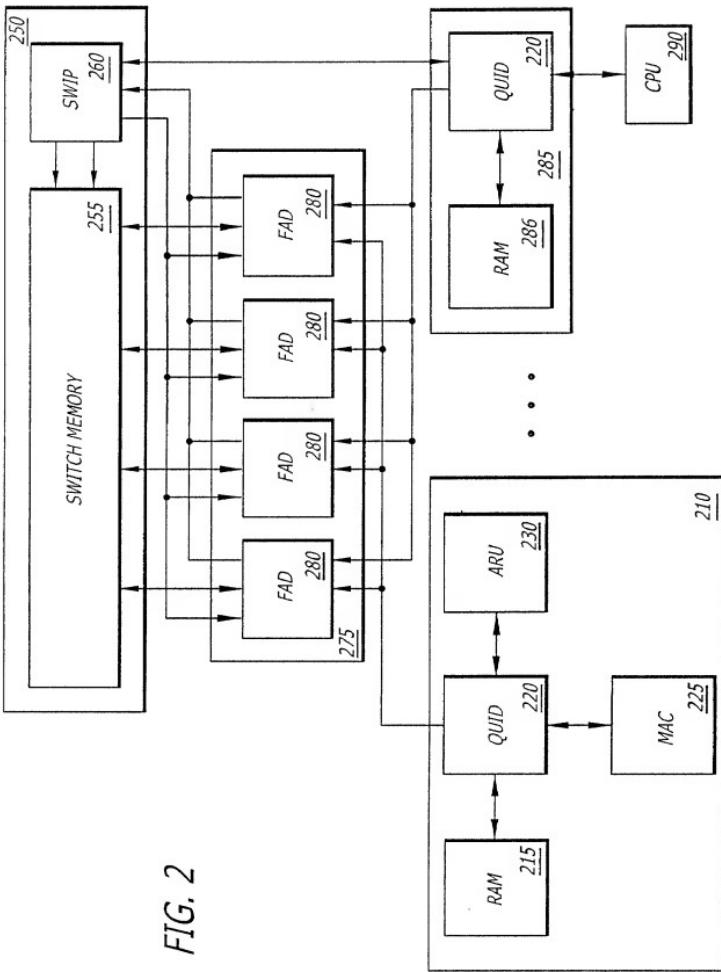


FIG. 2

FIG. 3

<u>310</u>	DESTINATION ADDRESS:	11.1.2.65	<u>000001011.00000001.000000010.01000001</u>
<u>320</u>	ROUTE #1	11.1.2.0/24	<u>000001011.00000001.00000010.00000000</u>
<u>330</u>	ROUTE #2	11.1.0.0/16	<u>000001011.00000001.00000000.00000000</u>
<u>340</u>	ROUTE #3	11.0.0.0/8	<u>000001011.00000000.00000000.00000000</u>

FIG. 8

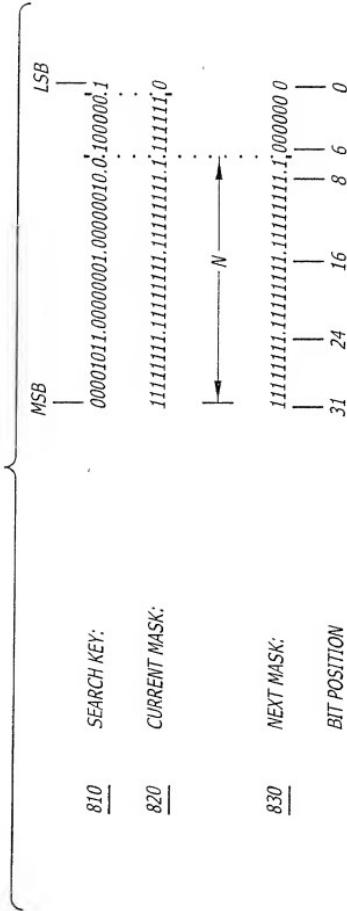
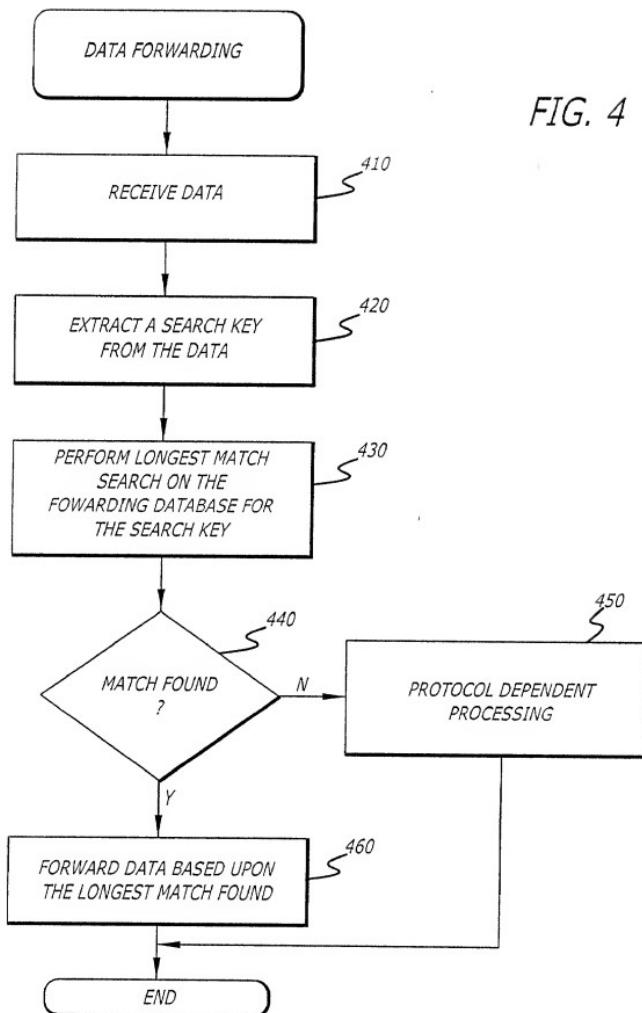


FIG. 4



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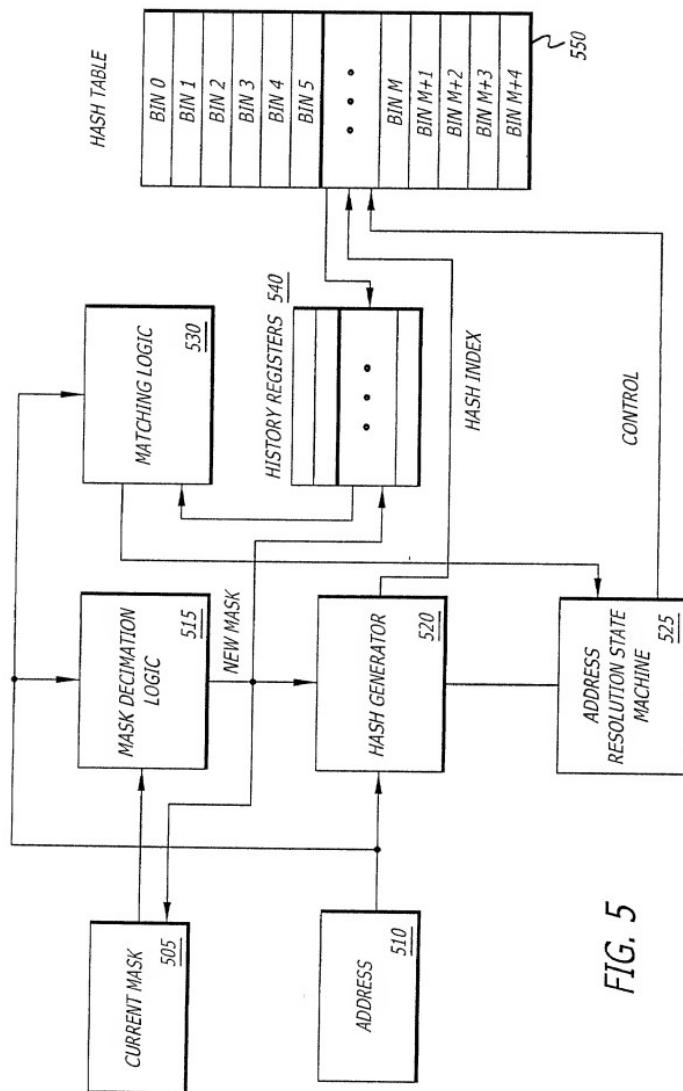
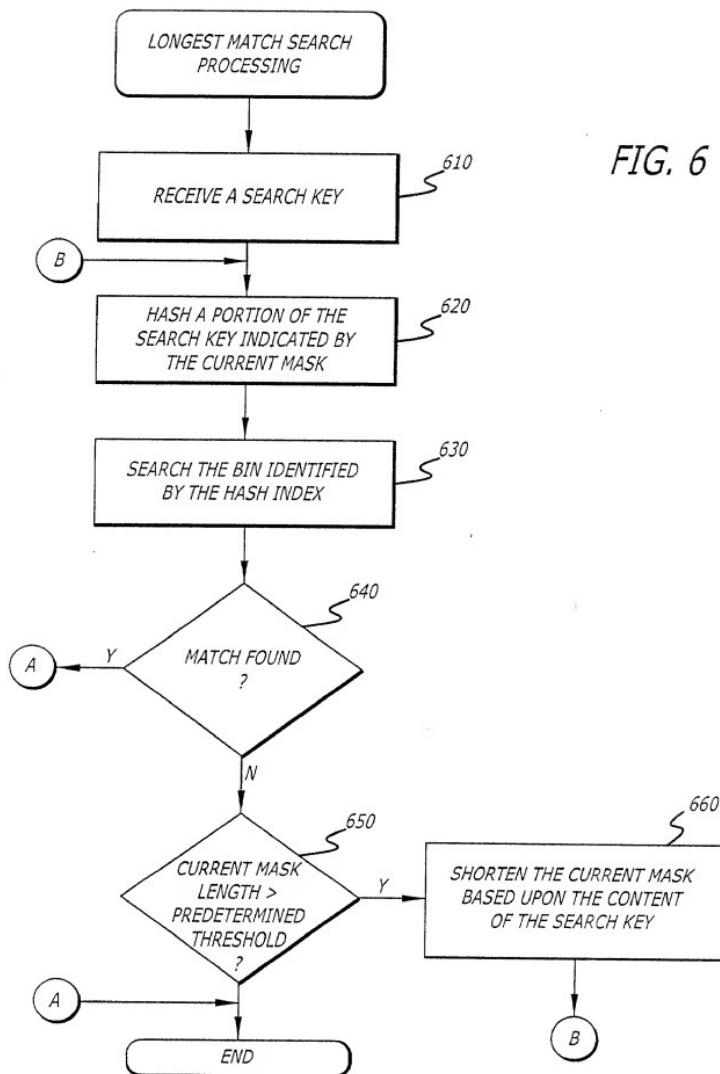


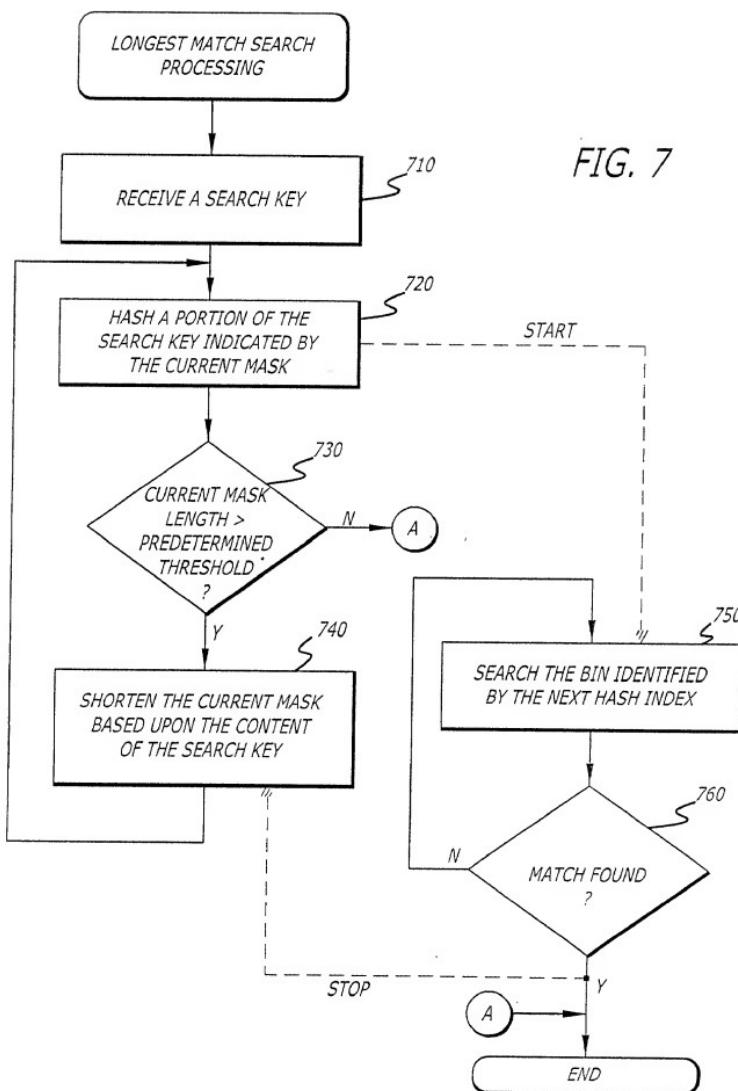
FIG. 5

FIG. 6



09932708 . 074094

FIG. 7



1997211807222860

BIT-WISE MASK DECIMATION

ADDRESS (HEX)	ITERATION	MASK (HEX)	MASKED ADDRESS (HEX)
0B 01 02 41	1	FF FF FF FF	0B 01 02 41
	2	FF FF FF FE	0B 01 02 40
	3	FF FF FF FC	0B 01 02 40
	4	FF FF FF F8	0B 01 02 40
	5	FF FF FF F0	0B 01 02 40
	6	FF FF FF E0	0B 01 02 40
	7	FF FF FF C0	0B 01 02 40
	8	FF FF FF 80	0B 01 02 00

FIG. 9

ADDRESS-SENSITIVE MASK DECIMATION

ADDRESS (HEX)	ITERATION	MASK (HEX)	MASKED ADDRESS (HEX)
0B 01 02 41	1	FF FF FF FF	0B 01 02 41
	2	FF FF FF FE	0B 01 02 40
	3	FF FF FF 80	0B 01 02 00
	4	FF FF 00 00	0B 01 00 00
	5	FF 00 00 00	0B 00 00 00

FIG. 10

ADDRESS	•••	MASK
00011000 00010000 000000010 000000000		11111111 11111111 11111111 000000000
00011000 00010000 000000000 000000000		11111111 11111111 000000000 000000000
•••		•••
00011000 000000000 000000000 000000000		11111111 000000000 000000000 000000000

FIG. 11A (Prior Art)

ADDRESS	•••	MASK LENGTH
00011000 00010000 000000010 000000000		11000
00011000 00010000 000000000 000000000		01000
•••		•••
00011000 000000000 000000000 000000000		00100

FIG. 11B (Prior Art)

ADDRESS + MASK INFORMATION	•••
00011000 00010000 000000010 100000000 0	1140
00011000 00010000 000000000 000000000 0	1145
•••	•••
00011000 100000000 000000000 000000000 0	1150

FIG. 11C